TECHNOLOGY AREA TEMPLATE

DEFINITION

Name	Business Modeling, Analysis & Design Tools
Description	Business modeling, analysis and design tools are sometimes referred to as AMD (Analysis, Modeling & Design) tools, support software application development project teams with formalized modeling of the business interaction, workflow, processes or rules following methodologies that assist in either generating or building business models diagrams, architecture diagrams, application design models, application requirements, data models, data definitions and/or programming specifications. A partial list of tools can currently be found at http://is.twi.tudelft.nl/~hommes/tool.html
Rationale	AMD tools support methodologies that help developers maximize their productivity when building and implementing software applications.
Benefits	• Ability to manage information in electronic form • Visual representation of information • Increase productivity from the business logic design to application development project phase • Accelerating the development of applications that conform to an architecture • Pattern generated application requirements, data definitions and program specification quickly • Provide formalized modeling • Create semantically rich diagrams that illustrate the business needs and is readily understood by the development team and customer • Enhance implementing software in a team environment • Enhances the overall communication within the project life-cycle

ASSOCIATED ARCHITECTURE LEVELS

Specify the Domain Name	Application
Specify the Discipline Name	Development Tools

KEYWORDS

List Keywords	AMD, Analysis, Modeling, Design, Rational, architecture, RAD, Waterfall

ASSOCIATED COMPLIANCE COMPONENTS

List the Compliance Component Names	Analysis & Design tools, business Modeling and Requirements

ASSOCIATED PRODUCT COMPONENTS

List the Product Component Names	

CURRENT STATUS

Provide the Current Status	☐ In Development ☐ Under Review ☒ Approved ☐ Rejected

AUDIT TRAIL

Creation Date	10/19/04	Date Approved / Rejected	11/09/04
Reason for Rejection			
Last Date Reviewed		Last Date Updated	
Reason for Update			